Mountain Weather Forecast

Lake District National Park

Forecast valid from 00:00 on Sunday 17 Jan 2021 until 23:59 on Monday 18 Jan 2021

Forecast Issued on Saturday 16 Jan 2021 at 13:18

Confidence: High for limited showers Sunday and early Monday, also for turning more unsettled with more frequent showers and longer periods of rain, sleet and snow thereafter, but lowering confidence in the detail of timing and extent of the worst of the weather.

Headline for Sunday 17 Jan 2021: Isolated showers and brighter spells. Bitterly cold at height.

Mountain weather hazards on Sunday 17 Jan 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 800m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light snow showers (night)	Light snow showers (night)	Partly cloudy (night)	Sunny intervals	Sunny intervals	Cloudy	Cloudy	Light snow
Precipitation probability							
40%	30%	20%	20%	20%	20%	10%	30%

Forecast forSunday 17 Jan 2021

Weather: A mix of showers of clear, then bright or sunny spells for Sunday. Showers will be quite isolated through the day, turning wintry above around 600m. Also with plenty of higher cloud around the sunshine will frequently be restricted to brighter spells.

Chance of cloud free mountain/hill tops above 800m: 75% with bases generally above the summits, sporadically lowering 500m, particularly as the isolated showers push through.

Visibility: Good or very good, falling to a handful of kilometres in showers.

Check our weather forecast every day to get the most accurate and up to date information
http://www.metoffice.gov.uk/public/weather/mountain-forecast
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Mountain Weather Forecast

Forecast for Sunday 17 Jan 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	32/41 NW	31/39 NW	31/39 NW	24/31 W	22/28 W	23/30 W	24/32 W	26/35 W	26/35 W
600	27/37 W	24/33 NW	22/31 NW	19/27 W	19/26 W	19/27 W	20/30 W	22/31 W	22/32 W
300	11/30 NW	10/28 NW	9/27 NW	9/23 NW	9/23 W	9/23 W	9/24 W	10/26 W	10/27 W
Valley	11/27 NW	9/24 NW	9/24 NW	7/20 W	10/21 W	9/21 W	9/22 W	12/26 W	12/26 W

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
900	-2/-10	-2/-11	-2/-10	-2/-9	-1/-8	-1/-8	-0/-8	-0/-8	-0/-8
600	0/-7	-0/-7	0/-7	0/-6	1/-5	1/-4	2/-5	2/-4	2/-5
300	2/-3	2/-2	2/-2	2/-1	4/-0	4/0	4/0	4/0	4/0
Valley	4/0	4/1	4/1	5/2	6/3	6/3	6/3	6/2	6/3
Freezing Level*	600m	600m	600m	700m	800m	800m	900m	900m	900m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Severe wind chill at height.

Forecast for Monday 18 Jan 2021

Weather: Some limited brighter spells and a few isolated light showers at first. Cloud thickening from the west from mid-day with periods of rain reaching all during the evening, falling as snow across higher summits.

Maximum wind: Southwest 25-30mph with gusts reaching 40-45mph across most exposed ridges and summits.

Chance of cloud free mountain/hill tops above 800m: 80% at first with bases only fleetingly lowering across the summits, chiefly as showers occur, lowering to virtually nil during the evening as bases become extensive from 450-600m.

Visibility: By day generally good or very good, falling to a handful of kilometres in showers, then more generally in later rain and summit snow.

Temperature: **Valleys:** Zero Celsius increasing plus 7 Celsius during the afternoon
At 800m: Zero to minus 1 Celsius increasing plus 2 Celsius later
Freezing level: 700m rising 1200m later

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Mountain Weather Forecast

Ground Conditions Supplement

Date: Saturday 16 January Location: North Ridge of Lower Man at 11:25 Temperature: plus 1.9C Maximum wind speed 70.7mph Wind chill: minus 9.1C Average wind speed: 59.1mph Full report:

We are continuing to provide the Fell Top Reports for people undertaking their daily local exercise during the lockdown. We would like to remind everyone that Government guidance stipulates that people should only exercise locally, not leaving the village, town, or city where they live. It should be noted that the police were questioning and possibly fining people who were returning back down off the hill today with cars registered from outside Cumbria. Gale to storm force winds were the main feature of today's weather making walking particularly arduous over any high and exposed ground. The snowline was down to Swirls car park this morning (roughly 200m), however, it was thawing at all levels up to 800m from where today's readings were taken. Snow depth increases a little with height and was typically around ankle-deep, although drifts up of up to one metre are not uncommon. Strong winds yesterday and today mean that snow distribution is now quite varied. Windward slopes (generally south through to west facing) have been quite well scoured and typically hold less snow than slopes in the lee of the wind (north through to east facing). Although not inspected today, cornices were seen building yesterday around many north and east-facing corrie rims, and in today's thawing conditions they will have been very unstable. It will only take a marginal drop in temperature to refreeze today's wet snow which would create particularly challenging and potentially treacherous conditions for the ill-prepared. Anyone attempting steep and exposed routes such as Swirral and Striding edge should only do so if they have sufficient winter mountaineering experience and equipment including an ice axe and crampons.

For anyone venturing out into the fells, full winter clothing including waterproofs, extra warm layers, hat & gloves, mountain boots, as well as a map and compass, headtorch and survival blanket are all essential. Goggles are also recommended for navigating in windy conditions. Microspikes and walking poles are also very useful at the moment. Please be conservative with your plans and know your limits.

Issued at: 1318 on Sat 16 Jan 2021

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